



**Nano\*High**

*The University of California's Lawrence Berkeley National Laboratory announces Nano\*High  
—An introduction to the world of the ultrasmall—for students, poets, and future presidents.*

Dear Teacher:

The Molecular Foundry at the University of California's Lawrence Berkeley National Laboratory (LBNL) invites you and your students to **Nano\*High**, a series of free Saturday morning laboratory tours and lectures by UC Berkeley professors and LBNL scientists conducting research on the cutting edge of the exciting new field of nanoscience.

Designed for high-school students with or without science background, **Nano\*High** is presented by faculty known for their exceptional teaching ability, engaging lecture style, and interest in bringing the world of modern science to pre-college students. This series of monthly lectures for students and their teachers will demystify the "nano" world of the ultra-small -- a sometimes controversial field that shows enormous promise for advances in medicine, computing, energy efficiency, in fact, virtually all fields of science. The lab tours will provide an opportunity for students to see the instruments used to study these tiny objects.

To allow us to plan appropriately, please ask your students to fax or email the enclosed form (also on our website) to reserve their spot in the lectures and select a tour. The first **Nano\*High** session, with Professor Carolyn Bertozzi will be Saturday morning, November 22nd. Her talk, "Big Things Come in Small Packages: Nanotechnology in Biology and Medicine," will discuss how nanotechnology can be used to build artificial organs and to fight disease-causing viruses at the nanometer scale.

Limited parking will be available at LBNL. In addition, we will be providing a shuttle bus from the Downtown Berkeley BART station to the lecture hall, leaving at 9:30AM. Check our web site at [www.lbl.gov/nanohigh](http://www.lbl.gov/nanohigh) for maps and more details about the lectures and tours.

We would appreciate it if you would use the enclosed posters and reminder cards to inform your students about **Nano\*High** and encourage their (and your) attendance. We hope to see you on Saturday, November 22nd, or at one of our future **Nano\*High** programs.

Sincerely,

Paul Alivisatos  
*Director, The Molecular Foundry, Lawrence Berkeley National Laboratory*  
*Professor of Chemistry, UC Berkeley*

P.S. Space for the program is limited. Please fax the enclosed reservation form to reserve space for one or more of the **Nano\*High** sessions and laboratory tours. Or call 510-486-4714 for more information.

Paul Alivisatos, Molecular Foundry Director

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